



## Load and Harmonic Survey Form

### Customer Contact Data

Company Name:

Contact:

Address:

Phone Number:

City, State & Zip:

Email:

### Electrical Network Data

Distribution Transformer:  KVA  
(obtain from the transformer nameplate)

Existing KW:  KW  
(obtain from the utility bill)

Transformer Impedance:  %  
(obtain from the transformer nameplate)

Existing Power Factor:  %  
(obtain from the utility bill)

Primary Volts:  Volts  
(obtain from the transformer nameplate)

Desired Power Factor:  %  
(recommend 95% or higher)

Secondary Volts:  Volts  
(obtain from the transformer nameplate)

Existing Capacitors Installed:  KVAR  
(enter total KVAR installed at motors and at the main incoming)

Primary 3Ph Fault Current:  kA  
(obtain from the utility company)

### Harmonic Generating Loads

Total AC VFD Load:  Volts  HP  
(Sum of total HP loads installed with VFD's)

Average Power Factor:  %

Total DC Drive Load:  Volts  HP  
(Sum of total HP loads installed with DC Drives)

Average Power Factor:  %

Other Nonlinear Load:  Volts  KW  
(Examples include 3PH UPS, Arc Furnace, etc)

Average Power Factor:  %

Please complete this form and **fax** it to **800-201-2936**.

NUCO Controls, LLC  
1008 7th Street  
Wichita Falls, TX 76301  
www.nucocontrols.com  
(940) 257-8063

